Comtech digital technology

USER MANUAL

IR Dome
Weather & Vandalproof Camera
CT-C4005P

Notes:Before providing power for the camera, please read this User Guide in detail!

SPECIFICATION

Model	CT-C4005P	
Signal System	PAL	NTCS
Image Pickup Device	1/3" SONY 2 MP CMOS Sensor AR0130	
Digital Signal Processing	DM365 (TI DaVinci™)	
Effective Pixels (HxV)	1280(H)*960(V)	
Electric		
Scanning System	Progressive	
Sync System	External	
Resolution	960P	
Built-in Lens	3.6mm	
Compression	H.264/JPEG, Support record AVI format	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D DNR , White Balance BLC, FLK(Flicker Control)	
Usable Illumination	0.1Lux	
S/N Ratio	≥52dB	
Recording Mode	NVR/NAS/CMS/Web	
Electric shutter Time	1/1-1/10000Sec	1/1-1/10000Sec
Day/Night Mode	Yes,Color/ B&W (IR-CUT)	
Motion Detection	Support	
Privacy Mask	3 Rectangular Zone	
SD-Card	Optimal	
Focus Control	Fixed	
Lens control	Fixed	
Lens Pixels	2M	
Language	English, German, Russian, French, Korean, Turkish, Spanish, Italian	
Video Output	Network	
IR LED	¢ 5X30PCS	
IR Cut filter	Yes	
IR Distance	20-30M	
IR Turn On Status	Under 10 Lux By CDS	
IR Power On	CDS Auto Control	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Protocol	IPv4, HTTP, TCP/IP, FTP, NTP, RTSP, UDP, SMTP, DNS, DDNS	
ONVIF	Support ONVIF 2.0	
P2P	YES, Support QR Code	
POE	YES, Support IEEE 802.3af	
Video Delay	0.3s (Within the Lan)	
DualStream	Main Stream: 1280*960	
Sub Stream	704*576, 352*288	
IE Brower	IE6-11	
Smart Phone	iPhone, iPad, Android, Android Pad	
Power Supply		
Power Source	DC12V±10%, 700mA	
Environment		
Operating temperature	-10℃ ~ +50℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Application	Outdoor/Indoor	
Mechanism		
Case Material	Vandalproof(metal)	
Color	White	
Anti-cut bracket	Yes	
Dimension (WxHxD)	¢ 142(W)x65(H)x63(D)mm	
Weight	500g	
Protection Class	IP 66	
Approvals	CE, EN	

* The specifications are subject to change without notice.

INSTALLATION

1. Open the packet and select the location where you would like to install the camera.
   Take the mounting bracket off the camera.
2. Slightly drill the supplied three screws into the three round holes on the mounting bracket and rotate the bracket clockwise until the screws are wedged into the narrower chase.
   Tighten the fixing screws to secure the mounting bracket to the ceiling.
3. Drill a hole in the middle circle and let the power and video line go through.
4. Mount the body onto the mounting bracket and rotate it until it clicks to secure.
   Adjust the camera to the correct position and test the camera to make sure it is working properly.

CONNECTION

1. DC12V Input Terminal
   Connect the power terminal of the camera to a 12V DC regulated power supply.
   Note: Please use the correct power adaptor, DC12V (regulated), to operate this unit.
   The power tolerance of this unit is DC12V ± 10%. Over maximum DC 12V power input will damage this unit.
2. Video Output Connector (VIDEO OUT)
   Connect the camera video output and the monitor video input with 75Ω coaxial cable.

TROUBLE/SOLUTION

1. No picture after providing power
   - May be the power supply voltage abnormity, please check the power supply voltage and pole whether exactitude.
   - Please check all the connecting cable and monitors whether be connected correctly or not.

2. The picture level direction have flowing interference ripples
   - May be caused by the power supply AC ripples, it need filter the wave of the power supply.
   - Check the monitor and peripheral equipments used.

3. The picture background color changes continuously
   - The fluorescent lamp's electromagnetic field cause color roll.
   - This is proper phenomenon of the cameras.
   - Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps can improve it.
   - Use power supply external sync. camera can solve it.

4. The picture smear too mass
   - The power supply's voltage unstable.
   - Connecting cables not connect correctly or have high impedance.

CAUTION

RISK OF ELECTRIC SHOCK

CAUTION:

To reduce the risk of electric shock, do not expose this apparatus to rain or moisture.
Only operate this apparatus from the type of power source indicated on the label.
The company shall not be liable for any damages arising out of any improper use, even if we have been advised of the possibility of such damages.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The crossed-out wheeled bin mark symbolizes that within the European Union the product must be collected seperately at the product end-of-life. This applies to your product and any peripherals marked with this symbol. Do not dispose of these products as unsorted municipal waste.

CE Mark
This apparatus is manufactured to comply with the radio interference.
The company does not warrant that this manual will be uninterrupted or error-free. We reserve the right to revise or remove any content in this manual at any time.